



# Flygt 2201.590

MSHA EXPLOSION-PROOF CLASSIC DEWATERING PUMP

60Hz

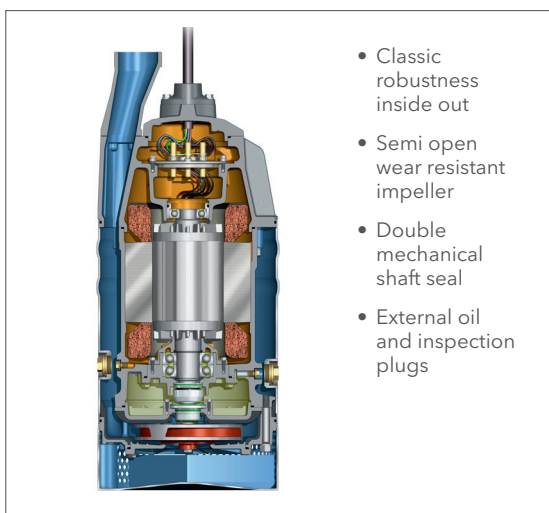


## Tough pumps for dewatering

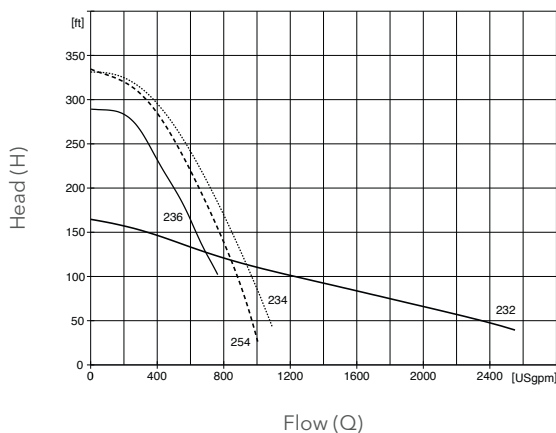
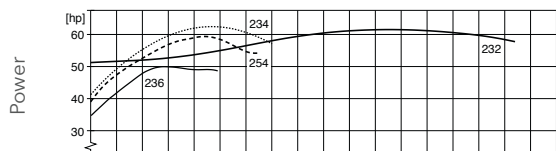
The Flygt dewatering pumps from Xylem are designed for tough operating conditions. The pumps are ideal for applications in which the water or liquid contains high amounts of clay, stone chips, drilling fines etc, or to pump heavy sediment from tanks, sumps and containers.

This explosion-proof/MSHA approved cast iron dewatering pump is designed for heavy-duty applications in which the liquids are abrasive, mildly corrosive or contains chlorides.

Our dewatering pumps are backed by an outstanding support and world-wide presence. Operating in over 150 countries, we bring many years of experience to bear in order to keep your business moving.



- Classic robustness inside out
- Semi open wear resistant impeller
- Double mechanical shaft seal
- External oil and inspection plugs



Voltage (V)	Rated current (A)	Starting current (A)
440	67	405
460	65	395
575	52	300
600	49	284
950	32	150
1,000	30	159

### Denomination

Product code	2201.590
Installation	Portable
Discharge connection	4"/6"/8"
Impeller characteristics	Medium Head (MT) Semi open wear resistant impeller High Head (HT) Semi open wear resistant impeller

### Process data

Liquid temperature	104°F (40°C)
Depth of immersion	max 65 ft (20 m)
Liquid density	max 9.2 lb/US gal (1,100 kg/m³)
Strainer hole dimension	HT Ø 0.47" (12 mm), MT 0.59" (15mm)
pH of pumped liquid	pH 6-11

### Motor data

Frequency	60 Hz
Insulation class	H 356°F (180°C)
Voltage variation	max +/- 10% - continuous running max +/- 10% - intermittent running
Voltage imbalance	max 2% between phases max 30 - no of starts/hour

### Monitoring equipment

Thermal contacts	257°F (125°C)
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### Cables

SUBCAB®	SUBCAB® submersible cable
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### Materials

Outer casing	Galvanized steel
Impeller	Hard-Iron™
Wear parts	Nitrile rubber
Stator housing	Cast iron
Strainer	Galvanized steel
Shaft	Stainless Steel
O-rings	Nitrile rubber
Discharge connection	Cast iron

### Mechanical face seals

Inner Active Seal™	WCCR (Tungsten Carbide)
Outer	WCCR (Tungsten Carbide)/RSiC (Silicon Carbide) option

### Weight & dimensions

Weight (excl. cable)	772 (HT), 981 (MT-H) lbs (350 (HT), 445 (MT-H) Kg)
Height	41.4" (HT), 47.3" (MT-H) (1,050 (HT), 1,200 (MT-H) mm)
Width	16.9" (HT), 20.1" (MT-H) (436 (HT), 510 (MT-H) mm)

MT-H = Horizontal discharge

### Approvals

ATEX approval	II 2G EEX de IIB T3
MSHA certificate	X/P-3400-1

### Options

Stainless Steel Impeller (HT)
Quick couplings

### Accessories

Hose connections and floating rafts. Electrical accessories such as pump controllers, control panels and monitoring relays. Zinc anodes.

### Rating 60 Hz

- 3,540 rpm
- 58 hp (43 kW)



[www.xylem.com/flygt/](http://www.xylem.com/flygt/)